

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE REPLACEMENT OF PRESENCE AND SET-BACK DETECTION AT THE INTERSECTION OF MD 650 (NEW HAMPSHIRE AVENUE) AT SHERIDAN STREET IN PRINCE GEORGE'S COUNTY, DUE TO THE SAFETY AND RESURFACING PROJECT ALONG MD 650. MD 650 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FOUR PHASE, FULLY-ACTUATED TRAFFIC MODE. THE EXISTING ALTERNATE PEDESTRIAN PHASE FOR THE NORTH LEG OPERATING CONCURRENTLY WITH SHERIDAN STREET WILL REMAIN.

CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED CABINET AND ASSOCIATED EQUIPMENT SHALL REMAIN.

THE CONTACT PERSONS FOR DISTRICT #3 / OOTS ARE AS FOLLOWS:

District #3

Mr. Brian Young  
Assistant District Engineer - Traffic  
Phone: 301-513-7404

Mr. Augle Rebish  
District Utility Engineer  
Phone: 301-513-7350

Mr. Vernon Stinnett  
Assistant District Engineer - Maintenance  
Phone: 301-513-7304

Mr. Kevin Nowak  
Assistant District Engineer - Construction  
Phone: 301-513-7385

Office Of Traffic & Safety

Mr. Richard L. Daff Sr.  
Chief, Traffic Operations Division  
Phone: 410-787-7630

Mr. Robert Snyder  
Assistant Division Chief, Traffic Operations  
410-787-7630

Mr. Edward Rodenhizer  
Team Leader, Signal Operations  
Phone: 410-787-7650

Mr. Eugene Bailey  
Team Leader, Sign Operations  
410-787-7670

The Power Company Representative Is:  
Potomac Electric Power Company  
8300 Old Marlboro Pike  
Upper Marlboro, Maryland 20772  
Phone: 301-961-5325

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO. QUANTITY DESCRIPTION

NONE - ALL EQUIPMENT SHALL BE FURNISHED BY THE CONTRACTOR.

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO. QUANTITY DESCRIPTION

NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

EQUIPMENT LIST 'B'

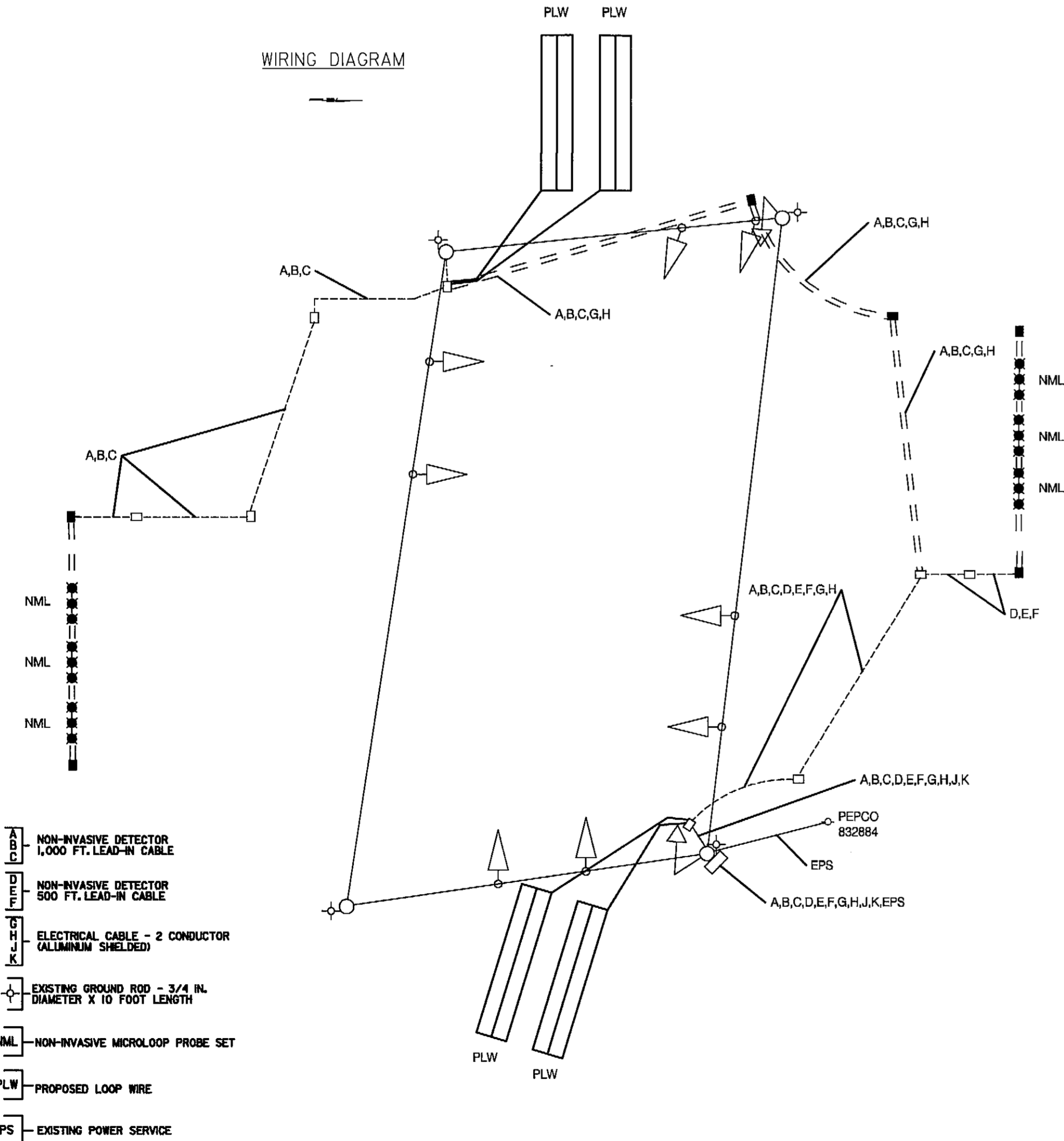
EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO. QUANTITY DESCRIPTION

120500	1 LS	MAINTENANCE OF TRAFFIC
585621	300 LF	12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
585625	150 LF	24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
655105	400 SF	5 IN. CONCRETE SIDEWALK
800000	1 LS	REMOVE AND DISPOSE OF TRAFFIC SIGNAL EQUIPMENT
805135	60 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
805150	240 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED
805160	20 LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
810601	3 EA	NONINVASIVE DETECTOR, 500 FT. LEAD IN CABLE
810605	3 EA	NONINVASIVE DETECTOR, 1,000 FT. LEAD IN CABLE
811001	6 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
861104	600 LF	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
862101	1900 LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
862102	660 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	
	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)			
PHASE 2 AND 6	G	G	G	G	R	R	R	R	DW	DW	→
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	DW	DW	→
PHASE 4 AND 8	R	R	R	R	G	G	G	G	DW	DW	↑
PHASE 4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	Y	DW	DW	↑
PHASE 4 AND 8 ALT.	R	R	R	R	G	G	G	G	WK	WK	↑
PHASE 4 AND 8 ALT. PED. CLEARANCE	R	R	R	R	G	G	G	G	FL/DW	FL/DW	↑
PHASE 4 AND 8 ALT. CHANGE	R	R	R	R	Y	Y	Y	Y	DW	DW	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK	+



GENERAL INFORMATION